YAMAHA

Power Amplifier
XM Series

Power Amplifier
XH200

This datasheet provides current draw and heat dissipation values for XM series and XH200 power amplifiers.

1/8 power is typical of program material with occasional clipping. Refer to these figures for most applications.
1/3 power represents program material with extremely heavy clipping.
Test signal: Pink Noise, bandwidth limited from 22Hz to 22kHz
1W = 0.860kcal/h, 1BTU = 0.252kcal
Note that Line Voltage [V] x Line Current [A] = [VA], not equals to [W].

▶ XM4180

		Line Current (A)		Power Consumption (W)	Heat Dissipation	
		120 V	230 / 240 V		Btu / h	kcal / h
Standby		0.08	0.04	5	17	4
Idle		1.0	0.5	40	137	34
1/8 power	8 ohms / ch	4.8	2.6	327	810	204
	4 ohms / ch	6.8	3.7	460	1180	297
1/3 power	8 ohms / ch	11.3	6.2	793	1890	476
	4 ohms / ch	15.9	8.8	1115	2760	695

▶ XM4080

		Line Current (A)		Power Consumption (W)	Heat Dissipation	
		120 V	230 / 240 V		Btu / h	kcal / h
Standby		0.08	0.04	5	17	4
Idle		1.0	0.5	40	137	34
1/8 power	8 ohms / ch	2.8	1.5	191	517	130
	4 ohms / ch	4.5	2.4	303	837	211
1/3 power	8 ohms / ch	6.8	3.7	464	1220	307
	4 ohms / ch	10.5	5.8	734	1980	499

▶ XH200

	Line Current (A)		Power Consumption (W)	Heat Dissipation	
	120 V	230 / 240 V		Btu / h	kcal / h
Standby	0.08	0.04	5	17	4
Idle	1.0	0.5	40	137	34
1/8 power	3.7	2.0	250	683	172

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